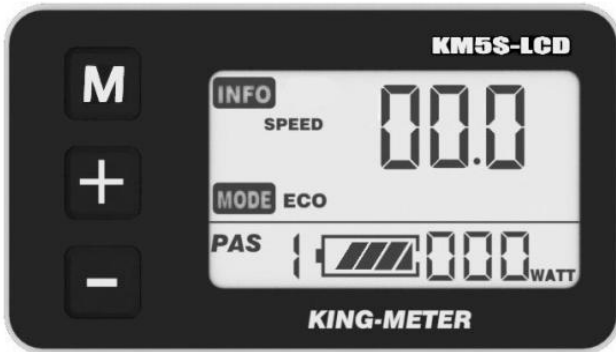


KING-METER

MANUAL

KM6S-LCD



Actual Display May Differ

About the User Manual

Dear Customer,

Read instructions prior to operating. The following instructions will enable you to know well about KM6S functions and get knowledge in some basic settings. Advanced settings are not described in order to avoid users messing up LCD functions which may cause malfunction. Thereby advanced settings are default and can not be modified.



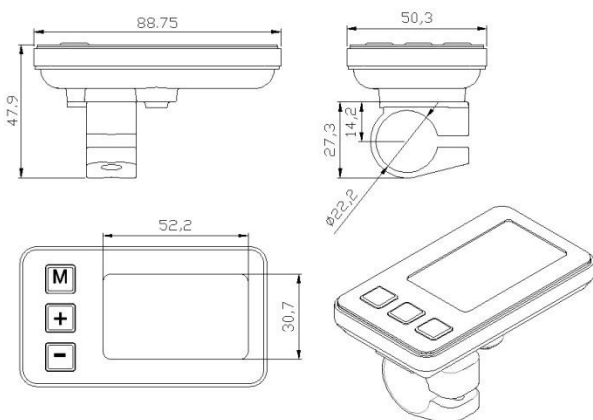
Warning/Important--- take notice of this symbol throughout manual and pay particular attention to the instructions blocked off and preceded by this symbol.

Appearance and Size

Material and Color







LCD housing is made of PC. Durable temperature is -20 to 60°C.

Actual product and dimension figure (unit: mm)



Actual one may differ

Specifications:

KM6S gets three buttons. They are    .
Hereinafter,  is referred as “MODE”,  as “UP”
and  as “DOWN”.



Do not unplug the quick disconnect plugs while power switch is on!



Avoid hitting.



Do not peel off the waterproof sticker on the screen.



Do not modify system parameters to avoid LCD malfunction.



Troubleshooting according to table on the last page when error code appears on the screen.

Installation

Fix LCD display onto the handlebar in the middle,adjust the display at a perfect angle for vision,tighten bolts.

Normal Operation

Power On/Off

1.Hold button "**MODE**"for 2 seconds,LCD is power on, at this point power supply to controller is connected as well.2.Repeat STEP 1, power is off.



When parking e-bike for about 10 minutes, the display shuts down automatically.

Display Interface

When the LCD is turned on, the default display showing battery indicator,motor power,PAS1,Time. Press MODE to take option on TIME,TRIP and ODO.

Push Cruise Control

Hold **DOWN** for 2 seconds, Push Cruise Control is activated. This function only works by holding the button "**DOWN**" all the way and discontinues whenever your finger is off the button. The function enables you to save energy when you walk E-BIKE climbing.



“Push Cruise Control” function is only applied to pushing E-BIKE by hands. Do not use this function when riding.

Turn on/off Backlight

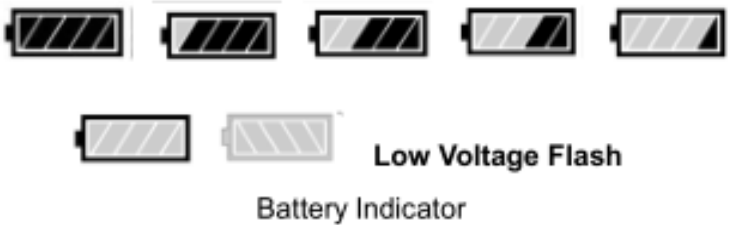
Hold button "**UP**" for 2 seconds, Backlight is turned on. Default Value is 1 for backlight; Hold the button "**UP**" again for 2 seconds, Backlight is off. BL-1 is referred as BACKLIGHT 1, then BL-2 and BL-3. BL-1 stands for BRIGHT, 2 BRIGHTER and 3 BRIGHTEST

PAS Level Selection

Press **UP** or **DOWN** to take option on PAS level. The level is from **PAS "0"** to **PAS "5"**. **PAS "0"** gets no output from motor. **PAS"1" to PAS"5"** gets different level of motor output with pedal. The default is PAS 1.

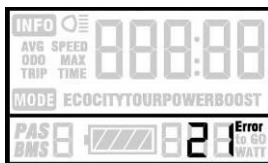
Battery Indicator

The battery indicator is dry battery cell shaped with 5 strips. Each strip indicates percentage of charge. Indicator starts flashing when battery is going dead.



Error Code Information

When E-BIKE has problem with Electrical System. Error code will appear on LCD screen automatically. Check the table on the last page for troubleshooting.



Phone Charging System

When LCD display is power on,plug cellphone charger cord into USB port on LCD, phone charging system is activated by pressing buttons" **MODE**" +"**UP**" + "**DOWN**" at the same time. Charging continues at this point when you shut off LCD. At any moment when you unplug the charger cord,Charging system stops working and you will have to turn off and restart LCD to get the system activated when you continue to charge mobile phone again.



Check USB port first for rain drop leakage whenever you are going to charge mobile phone with LCD.You have to make sure USB port is dry OR damage may happen to electrical system of LCD due to the failure to follow this instruction. When phone charging is finished,be sure to put the plastic rubber piece back into USB port again.

General Settings

TRIP/TRIP TIME CLEARANCE

1.Press button "**UP**" +"**DOWN**" for 2 seconds,LCD system enters into setup menu for TRIP/TRIP TIME clearance shown as below:



No



Yes

2. "NO" is the default . Press the button "UP" or "DOWN" to take "YES" or "NO" then hit the button "MODE" to confirm.If take "YES",TRIP&TRIP TIME is cleared up,take "NO" the record keeps the same.

BACKLIGHT

3.Repeat **STEP 1** then hit the button "MODE" to pick setup menu till flash showing bL-1 which is default setup for **BACKLIGHT**.



Backlight setting interface

4.Press the button "UP" or "DOWN" to change the brightness for backlight. bL-1 is bright,bL-2 brighter,bL-3 the brightest.

KM/MILE

5.Repeat **STEP 1**,hit the button "MODE" to pick setup menu till flash showing "KM" or "MILE".Press "UP"or "DOWN" to make choice for **KM** or **MILE** ,then hit the "MODE" to confirm.

AVERAGE&MAX SPEED

Press and hold the buttons "**DOWN**"+"**MODE**" for 2 seconds till **AVG SPEED** appears on the screen,then release the buttons and hold the both buttons down again till **MAX SPEED** showing on the screen.Exit setup by holding the both buttons once again for 2 seconds.

Normal settings

Wheel Diameter Settings

1. Password **0512** needs to be input to enter into setup menu. Press and hold buttons "**UP**" + "**DOWN**" for 2 seconds till get on the screen an interface shown as below

2. Press buttons "**MODE**" + "**DOWN**" for 2 seconds till get a flash for password input, then input password **0512** by pressing the button "**MODE**", "**UP**" or "**DOWN**" separately



3. Shortly press button "**MODE**" + "**DOWN**", then hit the button "**MODE**" to enter into the page for modifying wheel Diameter, press button "**UP**" or "**DOWN**" to take correct wheel size and hit Button **MODE** to confirm. The Default is 26 INCH.



Wrong wheel diameter causes incorrect speed and distance

Advanced Settings

Advanced settings are not available since we know it from the fact that some of users get LCD malfunctioned by modifying settings and are unable to restore original setting so therefore E-BIKE is not working correctly in this condition. We do not offer Password for Advanced Settings in the hope of avoiding customers messing up LCD system which may cause malfunction to happen to LCD.

FAQ

Q: Why the display can not be started?

A: Check wire connection between display and controller.

Q: How to deal with the error code?

A: Fix problem in accordance with error code in the table on the last page.

Quality Issue & Warranty

I 、Warranty

1 、 Any quality issue caused in the condition that LCD is manipulated in proper way during the Warranty Period. Warranty is valid.

2、 2-year Warranty





II、Other

The following issues are not under the cover of the Warranty.








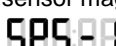


1. Dismantled deliberately
2. Damage is caused due to improper installation or operation .
3. LCD screen is broken due to rough handling in transport.
4. Wire is ripped or broken.
5. LCD is soaked under water
6. Warranty Expired

Attached list 1: Error code definition

Error Code	Definition
21	Current Abnormality
22	Throttle Abnormality
23	Motor Abnormality
24	Motor Hall Signal Abnormality
25	Brake Abnormality
30	Communication Abnormality

1		0512	Using parameter setting password(settled)
2			Starting up password
3			Personality setting password(settled)
			Recovery setting password(settled)

Attached list 3: Personality Parameter setting

No	Setting	Display	Details
1	Battery power	000	Five battery power value 
2	Assistance	50A	Power assist level option 
			Assistance proportion 
3	Current-limiting	200	Limit current 
4	Power assist sensor	PAS	PAS direction 
			PAS sensitivity 
			PAS magnet No 
5	Speed sensor	SPS	Speed sensor magnet No 
6	Throttle	H80	Throttle-changing 
			Throttle 

No	Items	Display	Setting
7	System setting	595	Time of battery power delay 804:33
			Max speed CJ MAX 598.40

Attached list 4: Power assist table

Level Level Item	1	2	3	4	5	6	7	8	9
0-3/ 1-3	50%	74%	92%	—	—	—	—	—	—
0-5/ 1-5	50%	61%	73%	85%	96%	—	—	—	—
0-7/ 1-7	40%	50%	60%	70%	80%	90%	96%	—	—
0-9/ 1-9	25%	34%	43%	52%	61%	70%	79%	88%	96%

Attached list 5: symbol definition

No	Symbol	Definition
1	SEE	Setting
2	PSD/PP	Password
3	PEY	Power delayed time
4	PEF	Recover default
5	PEE	Trip and time to clear
6	PEE	Backlight
7	HF	Throttle-changing
8	HE	Throttle power assist walk
9	ES	Speed limit
10	EE	Wheel diameter
11	?	Question mark
12	6	Backward
13	F	Forward
14	Y	Yes
15	N	No

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